

Jan. 22, 2019

Periods 1,2,4,6

If you were absent Friday, please see me at beginning of the class.

Warm Up- check quizzes Friday's quiz

Module 11.4 -

Pgs. 319-322, Writing Inequalities. Read with your table partner the examples on these pages to answer the Inequalities Notes pg. 52 (green sheet).

Homework - Cheat Sheet B and pg. 54

**IXL due Jan. 29: AA.1, AA.2, AA.3, (extra credit AA.4)
ALL 6th grade skills**

11.2

/9

1) $y = 4.4$

2) $w = 37$

3) $x = 12$

4) $t = 17.6$

5) $a = 1\frac{3}{4}$

$-\frac{1}{4}$ if $\frac{7}{4}$

2pts. 7) $x = 23$

1-5 \rightarrow no variable
-1

2pts. 6) $m - 88.79 = 44.50$; $m = 133.29$
 $88.79 + 44.50 = m$

correct
6

11.3

1) $X = 50$

2) $\frac{8}{8}W = \frac{120}{8}$
 $W = 15$

3) $(4.5)6 = \frac{Z}{4.5}(4.5)$
 $27 = Z; Z = 27$

4) $m = 8$

5) $A = L \cdot W$
 $48 \text{ in}^2 = 8 \text{ in } W$
 $6 \text{ in} = W$

$\frac{48 \text{ in}^2}{8 \text{ in}} = 6 \text{ in}$

Class Work: pg. 52
Inequalities Notes-

Read $x > -9$
Write

$>$ the value on the left is greater than the value on the right.

$<$ the value on the left is less than the value on the right

\geq the value on the left is greater than or equal to the value on the right

\leq the value on the left is less than or equal to the value on the right

$x < -9$

An OPEN circle represents the solution is less than or greater than the value

A CLOSED circle represents the solution is equal to the value

The Direction: all values that will solve the inequality

ClassWork - pg. 53

Is It True?

A true statement occurs when:

the solution given satisfies the inequality, it makes it true.

A false statement occurs when:

the solution given does not satisfy the inequality

HOMEWORK:

Inequalities.... when dividing by a *negative value*, flip the inequality symbol.

$$\begin{array}{rcl} \cancel{-3}x > 21 & & \\ \hline \cancel{-3} & \downarrow & -3 \\ x & < & -7 \end{array}$$

Homework- Periods 1,2,4,6
Cheat Sheet B

Solving Equations-

Inverse operation
Solve

Inequality voc.
table p. 320

negative

$$\frac{-2x}{-2} > \frac{10}{-2}$$

$$x < -5$$

$$x = -7$$

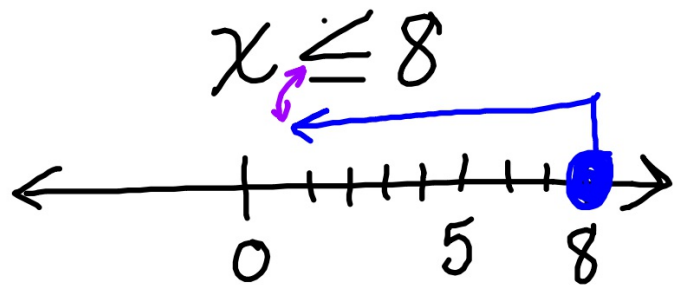
Inequalities

$<$ $>$

\leq \geq

$$\begin{array}{r} x + 2 \leq 10 \\ -2 \quad | \quad -2 \\ \hline \boxed{x \leq 8} \end{array}$$

$>$ and $=$
 $A \geq 90\%$



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Period 5

Warm Up: 62.5%

Write each fraction as a decimal and percent.

1) $\frac{5}{8}$

0.625

2) $\frac{258}{300}$

3) Justine answered 68 questions correctly on an 80-question test.
Express this amount as a fraction, percent, and decimal.

Class Work:

$$\frac{15}{\text{of}} = \frac{\%}{100}$$

Lesson 8.3

Read examples 1 (pg. 216-217), 2 (pg. 218), 3 (pg. 219)

Answer #s 1 pg. 220, #s 7-9 and 28 pg. 221

Page 223 all problems

Homework: pgs. 227-228 #s 1-8

64% of 75

0.64

X
multiply ³/₂ 75

X .64

②

300

+ 4500

48.00